



AECOM
303 E. Wacker Drive, Suite 900
Chicago, Illinois 60601

312-938-0300 tel
312-938-1109 fax

February 6, 2015

Mr. Mike Jouras
Peoples Gas Light & Coke Co.
Environmental Services Department
200 E. Randolph Street, 24th Floor
Chicago, IL 60601

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 551699132
Permit Address: 465-466 East Illinois Street
AECOM Project No. 60157647

Dear Mr. Jouras:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring is required to be performed during the disturbance of subsurface fill soils at the above referenced site. AECOM Technical Services, Inc. (AECOM) determined from discussions with Peoples Gas that this permit was required to complete work at an existing excavation that has been covered with steel plates since the original work was performed. Specifically, no new excavation screening is being conducted since the excavation work was completed under a prior permit.

Under the previous permit, AECOM provided radiation surveillance between the days of July 29-30, 2014 for an excavation trench to install a gas service line for the addresses located at 465-466 E. Illinois St. The monitoring under the previous permit revealed no indication of soils above the specified cleanup value established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA cleanup value for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228). The previous letter report has been included as an attachment.

As part of the permit conditions this letter has been forwarded to:

Chicago Department of Public Health
Attention: Ms. Rahmat Begum
333 South State Street, Room 200
Chicago, Illinois 60604

Please contact us with any questions you have regarding this letter or the reported results.

Regards,

Brian R. Schmidt
Project Scientist II

Steven C. Kornder, Ph.D.
Senior Project Geoscientist

cc: Rahmat Begum, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: Permit
ROW Report – August 2014

PERMIT



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

MEMORANDUM

TO:

✓ Mary Fulghum
USEPA Region V
Lindsay Light II Site, Office of the Regional Counsel
77 W. Jackson Blvd.
Chicago, Illinois 60604

Mr. Vincent S. Oleszkiewicz
Leech Tishman, Fuscaldo & Lampl. LLC
4225 Naperville Road, Suite 230
Lisle, IL 60532

Roy Widman
Tronox LLC
3301 N. W. 150th St.
Oklahoma City, OK 73134

FROM: Raul Valdivia, Ph. D., Chief Engineer
City of Chicago Department of Public Health

SUBJECT: Notification of Permit Application - Lindsay Light II Site

DATE: 1/26/2015 465-66 E Illinois

Pursuant to Condition 10(a) of the Right-of-Way Agreement dated September 27, 1999, this is to inform you that a permit has been applied for with the City of Chicago Department of Transportation to conduct subsurface activities at the subject right-of-way. The applicant has contacted this Department and has reviewed additional information regarding potential contamination at the subject site (see attached form DOE.ROW.01).

If you have any questions, please do not hesitate to call me at (312) 744-5711.

Attachment

cc: ✓ Mort Ames, City of Chicago Department of Law (via fax 742-3832)
✓ Eugene Jablonowski, USEPA (via fax 312-353-9281)

Last updated March 15, 2010



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.ROW.03 (STREETERVILLE Right-of-Way)

Notice is hereby given that the site you have requested a permit for is recorded with the City of Chicago Department of Public Health (CDPH) as potentially having environmental contamination on the site and adjacent right-of way. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH at 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 745-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued if the ground is exposed or excavated. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by CDPH, regarding environmental contamination of the site and adjacent right-of-way. Further, I will ensure that all work at the subject site and adjacent right-of-way, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and waste management. I will ensure that the results of any radiation monitoring and/or surveying conducted shall be provided to the CDPH and the United States Environmental Protection Agency within two (2) weeks of their completion. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Applicant Name (print): Maria G. Oliver Signature: Maria G. Oliver

Site Address and Work Location (Describe exact site location and attach map): 465-66 E. Illinois

Radioactive site

Nature of Work: Service cut-off

Company Name, Address, Phone No.: Peoples Gas, 200 E. Randolph (312) 240-4692

General / Prime Contractor Name, Address, Phone No.: Ed Condon (773) 542-7954

Include subcontractor information if applicable
Safety Officer / Phone No. Jerry Gross (773) 542-7927

Radiation Contractor / Phone No. (if applicable) Steve Komder-AECOM-(262) 515-7700

Check if City Department Work Department Name: _____

CDOT Permit No.: 551699132

Today's Date: 1/26/15 Expected Start Date: 1/22/15 CDPH Approval / Date Kahmetwaise Begou

Please return this completed form to the Chicago Department of Transportation, Division of Infrastructure Management, Public Way Permit Office, City Hall - Room 905, 121 N. LaSalle St., Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

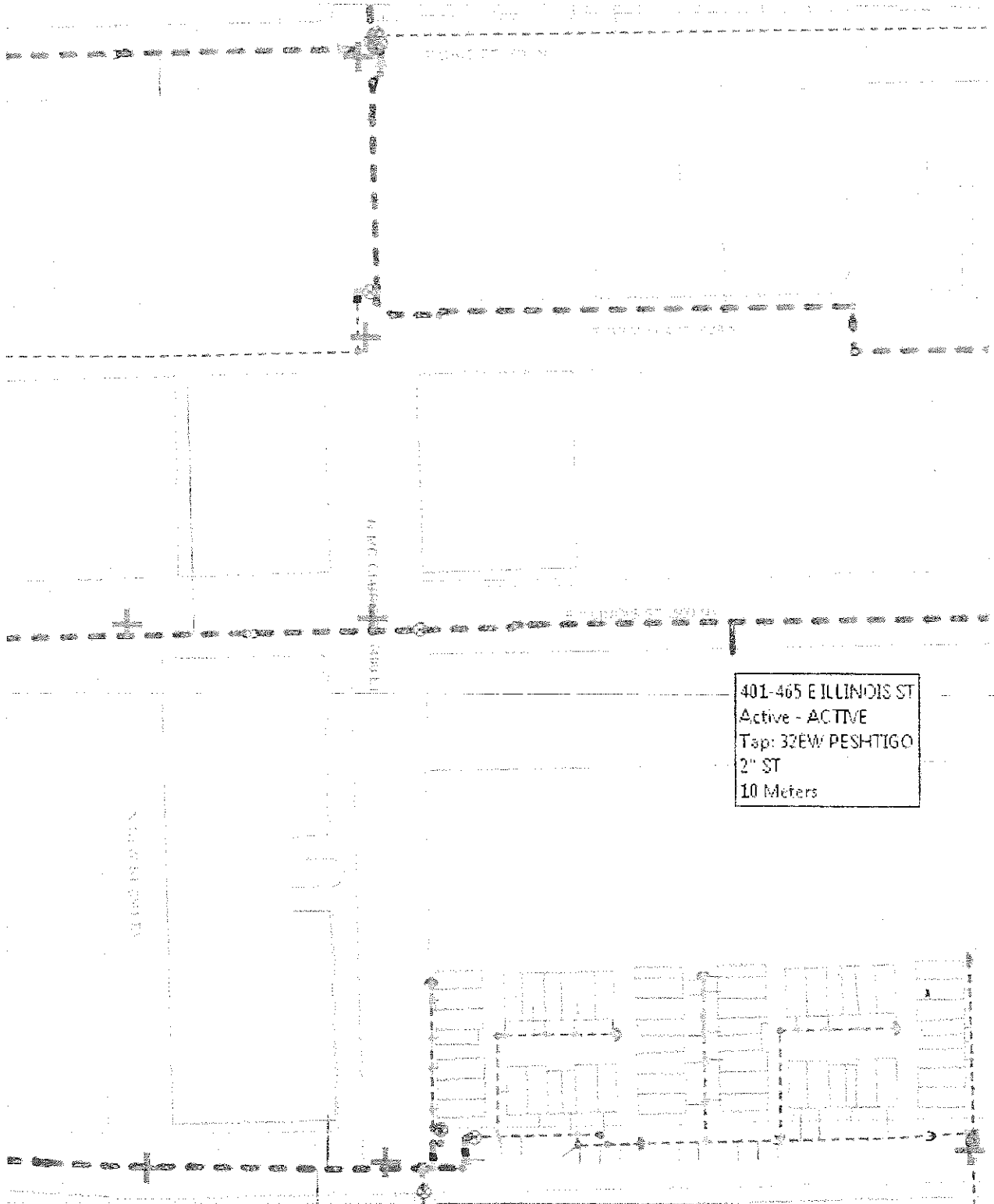
For CDPH Use Only

integritys

Locate

Map: Fa
Search: Ad
465 E Illinois
E-911631a8

- Meter Count
- Status
- Company
- Local District
- Schedule Polygon
- Town
- Facility IC
- From House No
- To House No
- Unit
- Street Dia
- Street Name
- Street Type
- State
- Sp Status
- How Off
- Inactive Reason
- Type Of Service
- Related Service
- Related Service
- Count
- Total



PREVIOUS LETTER REPORT



AECOM
303 E. Wacker Drive, Suite 900
Chicago, Illinois 60601

312-938-0300 tel
312-938-1109 fax

August 6, 2014

Mr. Mike Jouras
People's Gas Light & Coke Co.
Environmental Services Department
200 E. Randolph Street, 24th Floor
Chicago, IL 60601

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 469093290
Permit Address: 465-466 East Illinois Street
AECOM Project No. 60157647

Dear Mr. Jouras:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance between the days of July 29-30, 2014 for an excavation trench to install a gas service line for the addresses located at 465-466 E. Illinois St.

Surveying was performed for the soil removed from a 34-foot by 5-foot excavation (see sketch). The trench was excavated to the depth of 3.5-feet below ground surface. The monitoring revealed no indication of soils above the specified cleanup value established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA cleanup value for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228).

Gamma radiation count measurements for the project were made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 inch NaI probe (Model 44-10). For the instrument used, the gamma count threshold equivalent to the 7.1 pCi/g cleanup value is 19,598 counts per minute (cpm) unshielded (7,255 cpm shielded). The field gamma background for the area was measured at approximately 6300 cpm unshielded. The field gamma measurements within the excavation and the spoil materials generated during the excavation process did not exceed the field instrument threshold previously stated and ranged from a minimum of 10,000 cpm to a maximum of 15,500 cpm unshielded. Thus, there was no indication of the presence of radiologically-contaminated material and/or an exceedance of the USEPA cleanup value of 7.1 pCi/g total radium.

As part of the permit conditions this letter has been forwarded to:

Chicago Department of Public Health
Attention: Ms. Rahmat Begum
333 South State Street, Room 200
Chicago, Illinois 60604

Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Brian R. Schmidt
Project Scientist II



Steven C. Kornder, Ph.D.
Senior Project Geoscientist

cc: Rahmat Begum, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: Permit
Sketch

PERMIT

Permit # 469093290

Received Date: Jul 9, 2014 4:4:33

**PEOPLES GAS LIGHT & COKE CO
130 EAST RANDOLPH
DRIVE
CHICAGO, IL 60601**



**City of Chicago
Department of Transportation
(312) 744-4652**

CONDON, EDWARD E 773-542-7830

ACTIVITY HOURS
**Start no earlier than 9 AM. Stop no later than 4 PM. - Street Opening
(Curb Lane & Traffic Lane)**
DATES
Jul 18, 2014 through Jul 31, 2014

ACTIVITIES
Street Opening (Curb Lane & Traffic Lane): **Dlg #: TBD**
There will be 1 opening(s) in the public way for the purpose: SERVICE ENLARGMENT.
40 Feet x 4 Feet x 3 Feet
Excavation may commence on - NO SOONER.
465 - 466 E ILLINOIS ST
WORK TO BE PERFORMED BY: KS ENERGY / PGL STAND
@ 505 WW PESHTIGO & 30 NS ILLINOIS ST
MUST MAINTAIN 2 EB LANES AT ALL TIMES
OK TO RELEASE PER TS 7/14/14
OK M SIMON

Restrictions:

5226373050

Restrictions:

1. A copy of the permit must remain on-site for inspector's review.
2. Permit fees must be paid within 24 hours of the date of issuance. Failure to pay will result in you being considered in violation of the terms and agreement of the permit and subject to any applicable fine and fees as if you never attained a permit. Additionally, you will still be responsible for the cost of the original permit. Monthly billing accounts are not applicable to the 24 hour payment criteria but failure to pay the monthly bill by the due date will result in the same penalties applying.
3. All directional boring must be pre-approved by the Office of Underground Coordination.
4. Contractor must secure plating over all openings in the roadway and secure all sidewalk/parkway openings during non-working hours until such time when the road surface is restored.
5. All traffic control will be the responsibility of the contractor and must comply with all MUTCD standards.
6. Work permitted only between
7. Restore all lanes to normal operation during non-working hours.
8. Must use flagmen and/or arrow boards to maintain traffic operations through the work zone.
9. Contractor must notify DIGGER at 312-744-7000 no less than 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more than 14 calendar days in advance of the start of the excavation or demolition, unless the excavation date was provided with the application and remains unchanged. Prior to 26 calendar days the Contractor must notify DIGGER to renew the dig date!
10. It is the Excavator's responsibility to request refreshing of marks when needed, but no longer than 28 calendar days after the last requested date.
11. When applicable, all excavation areas are to be clearly marked in safety white paint prior to calling DIGGER. White paint is not required for joint meets or emergency work.
12. Excavators requesting dig tickets are responsible for the protection of utility markings at the job site. Any markings of underground utilities utilizing utility colors, must be done by facility owners or authorized agents only.
13. Pursuit to City Ordinances 8-32-140 through 170 use of pneumatic equipment must not begin before 8:00 A.M. or continue after 8:00 P.M.
14. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
15. Permanent base pavement restoration to follow within 5 days after the completion of underground work.
16. All pavements and pavement markings are to be restored in accordance with CDOT Construction Standards.
17. All street openings must be restored with concrete base to grade.
18. Work to be performed as per plans and specifications.
19. Streets recently resurfaced must be restored to proper standards (resurface to nearest 1/4 pt, see CDOT Construction Standards for further details).
20. **WARNING: THIS WORKSITE(S) CONTAINS RADIOACTIVE MATERIAL. ANY QUESTIONS PERTAINING TO HANDLING OF MATERIALS, CONTACT THE DEPT. OF**

Restrictions:

ENVIRONMENT AT 312-744-3152.

- 21. **BIKE FACILITY:** On streets with bike markings and/or bike signage the CDOT Bike Program can provide existing pavement marking plans and details. Please contact CDOT Bike Program representative Bradley Topol in advance of activity to ensure restoration of pavement markings. Contact at (312) 744-0513 or at CDOTBikes@cityofchicago.org

SHARED LANE YIELD TO BIKES signs must be posted if bike traffic is shared with vehicular traffic. Please see the CDOT Rules and Regulations For Construction in the Public Way for more guidance on bike temporary traffic control.

- 22. No work in or use of the public right of way is to be done when a special event is taking place. It is up to the applicant to determine if an event is scheduled. To obtain a listing of programs or events within the City of Chicago please dial 311 when you are within the City boundaries.
- 23. It is the responsibility of the applicant to fund Traffic Control Aides if the City deems it necessary due to heavy congestion situations.
- 24. Pursuit to City Ordinances 10-20-150 and 10-28-281.3 a re-inspection fee of \$100 may be assessed for each inspection conducted after the initial inspection.
- 25. All metal plates used for public way construction or placed within the right-of-way must indicate Ownership!

Street Opening (Curb Lane & Traffic Lane)

07-18-2014 - Fee Pavement Opening			
CBD:	Y	Cost Per EA: \$	432.00
Tiered:	N	# OF EA:	1.00
Mora:	N		
		CAPS:	300-84-2135-256
		Late charge: \$.00
		Amount: \$	432.00

Total Fees: \$ 432.00

Grand Total Fees: \$ 432.00

Affected CUAN Sites: 7, 15, 21, 22, 24, 28, 29, 31, 34, 38, 53, 61, 68, 70, 73, 79, 141, 147

5226373050

EFFECTIVE DATES OF PERMIT

Current: Jul 18, 2014 through Jul 31, 2014 (Input date: Jul 09, 2014 9:53:36 a.m.)
Previous: Jul 14, 2014 through Jul 31, 2014 (Input date: Jul 18, 2014 9:53:27 a.m.)
Previous: Jul 14, 2014 through Jul 28, 2014 (Input date: Jul 09, 2014 4:04:33 p.m.)

END OF PERMIT

5226373050

SKETCH

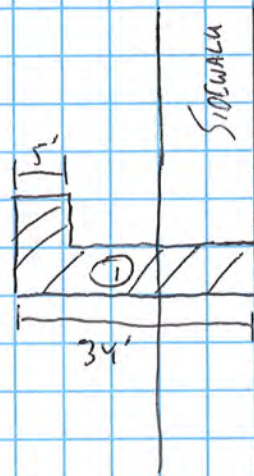


JOB TITLE INTEGRIS 401 + 465 E. ILLINOIS ST.
 JOB NO. 6015764 7 T. 50/A CALCULATION NO. _____
 ORIGINATOR KEVIN RUSSELL DATE 7/28-30/2014
 REVIEWER BRIAN SCUMIOT DATE 8/4/2014
 SCALE N/A SHEET NO. 1 OF 1

401 E ILLINOIS ST. (7/28-29/2014)

SURVEYED w/ A LUDLUM-2221 w/
 2x2 NAI PROBE (UNSHIELDED)
 S/N: 172039
 BACKGROUND = 7273 cpm
 ① RANGE: 8500 - 11500 cpm
 MAX: 12500 cpm

EXCAVATION DEPTH = 3.5 FEET

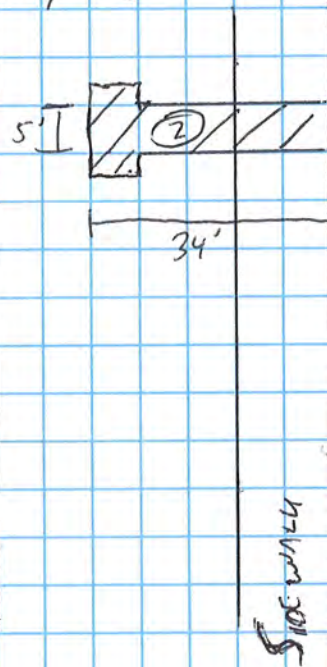


401 E. ILLINOIS STREET PROPERTY

465 E. ILLINOIS ST. (7/29 + 30/2014)

SURVEYED w/ A LUDLUM-2221 w/
 2x2 NAI PROBE (UNSHIELDED)
 S/N: 172039
 BACKGROUND = 6314 cpm
 ② RANGE: 10000 - 13500 cpm
 MAX: 15500 cpm

EXCAVATION DEPTH = 3.5 FEET



465 E. ILLINOIS STREET PROPERTY